SAINT LOUIS

DEPARTMENT OF BACTERIOLOGY
EUCLID AVENUE AND KINGSHIGHWAY

June 8, 1946

Mr. J. Lederberg Yale University Osborn Botanical Laboratory New Haven, Connecticut

Dear Josh:

I received your letter of the sixth. For your purposes I don't think that Octosporus would do, since it is extremely difficult to keep this form in the haploid state. Pombe would probably be preferable. I will send you soon a copy of my stock culture which sporulates very easily so you will not have any difficulty isolating the haploid forms.

I am puzzled by one statement you made, namely that you would be satisfied by a form that could be obtained in reasonably pure haploid culture, but which can be made to sporulate, if need be. As you probably know, haploidy and sporulation are mutually exclusive so that once you have a culture in a haploid state, no sporulation could possibly occur. One other point I would like to raise; do you have any purpose in confining yourself to the schizo-saccharomycs or wouldn't the saccharomycs do just as well. It is relatively easy to isolate haploid forms from sereviiae.

We shall welcome your brother with suitable pomp and circumstance. I expect many fundamental findings from your efforts, so keep me informed.

Sincerely yours,

Sol

S. Spiegelman

SS:mm

give my regards & Ed Tatum